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Approved For Release 2000/05/04 : CIA-RDP67B00511R000100190005-6

ATTACH. #1

DATE: 13 Sep 63

TIME: 2 pm

We called them X They called us _____

COMPANY: VEM

ADDRESS:

PERSONS SPOKEN TO: ① DEB TEL. NO.:

SUBJECT: ① Vac Ion

DISCUSSION:

① Dangers in turn off: (a) Won't start; (b) Heats up and causes further outgassing.

Proposal: Put connector on line from Pins B & D ↑ GND of Q-5 between Q-5 and wheel well ckt Breaker. Hang battery with red flag on wheel doors (from 120 to Pad, & back) and open ckt breaker to keep vac-ion going. Connector on ship needs blind cap to assure no short ckt, when battery unpluged.

DECISION:

INFORM:

FOLLOW-UP: AGREEMENT: DEB will check idea & implement unless we hear otherwise within 1 week. PFF will tickle himself every 6 months and see if vac-ion can safely be turned off. Only ships we use will have this extra connector.

SIGNATURE: RDR

FILE: CUSTOMER/SUPPLIER CONTACT

ATTACH, # 2-A

September 18, 1963

Dear ~~Milt~~: 9/24

Enclosed is schematic diagram showing the method our electrical people would like to accomplish this ground power connection.

You will note on AR71 that wire E on plug Q5 is spare. If pins B & C were spliced into, we would still have to pull the circuit breaker to prevent current going upstream to relays, etc. Actually the enclosed schematic makes the power an alternate source without opening breaker. I am giving copies of this to [redacted] so if you see any problems, let me know.

STATINTL

We would like to make this change on a temporary basis a ship at a time until we all learn more about your pumps.

Regards,

Don

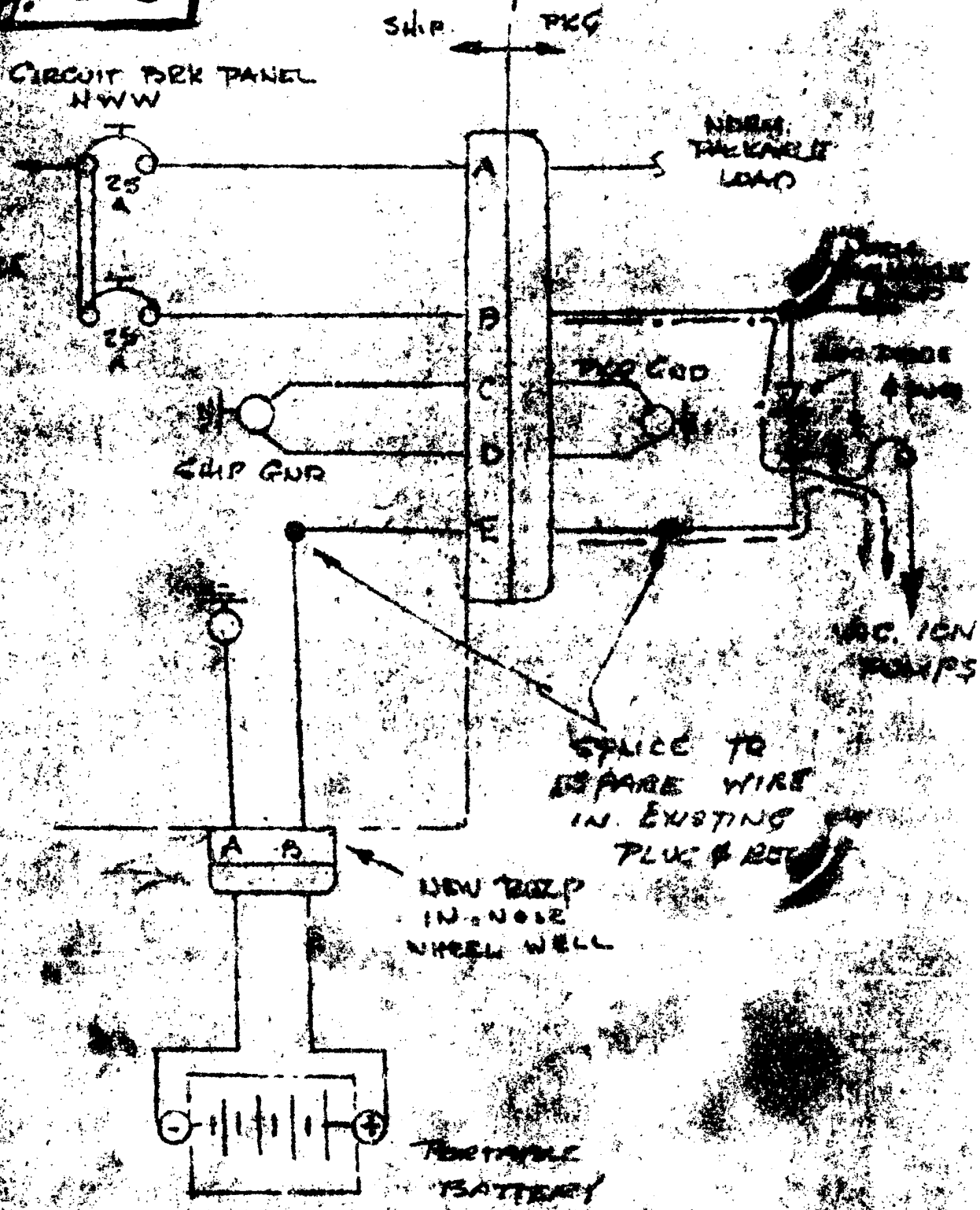
[redacted]

STATINTL

kld

Attach. #2-B

9-16-63



POWER TO PUMPS IN FLIGHT ——•——•——

POWER TO PUMPS ON GROUND ——— ——— ———

ATTACH #3

NOTE: MTG 7 Oct 63

STATINTL

FROM: [redacted]

SUBJECT: Vac Ion Power

CC: ELB, BD, PK, RML, RS

STATINTL

I have reviewed the note from [redacted] dated September 18, 1963 and have the following comments:

a. We would like to eliminate the fuse between the diode and the vac ion power supply as is suggested since it would increase our reliability. Unless there is some objection from the vehicle people, which we don't foresee, we will omit this fuse.

afraid of back flow thru relays, ok Keep Diode, eliminate fuse

OUR CHOICE

b. We would like to know the type of connector they are planning to use in the wheel well so that we can make up our battery and harness to mate.

furnish both halves.

c. [redacted] will assume the responsibility of making the necessary changes in our harness (on the package side of Q5) to accommodate the diode and "E" wire. He will make up a suitable jumper harness so that the vac ion supplies will run without the system package.

STATINTL

d. My Group will supply the portable battery and necessary harness connectors to mate with the connector in the wheel well.

STATINTL

Will you please convey this to [redacted] and obtain the information requested in a. and b. above.

A copy of Don's schematic is attached.

STATINTL

[redacted]

PFF:lc
Attachment